UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LESLIE CREEK QUADRANGLE
MONTANA–POWDER RIVER CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

OPEN FILE REPORT 79-093
PLATE 5 OF 16

OPEN-FILE REPORT
This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

3400
3380

STRUCTURE CONTOURS—Drawn on the top of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3400 Sa_1
3380 Sa_1

STRUCTURE CONTOURS—Drawn on the top of the Upper Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3400 Sa_2
3380 Sa_2

STRUCTURE CONTOURS—Drawn on top of the Lower Sawyer split of the Sawyer coal bed. Dashed where projected beyond boundary of coal. Hachures indicate a closed depression. Contour interval 20 feet (6.1 m). Datum is mean sea level.

3470
B_1

BOUNDARY OF COAL DEPOSIT—Drawn along the outcrop of the coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Number at triangle is altitude, in feet, at the top of the coal bed taken from topographic map at a point of coal thickness measurement. Subscript number on B indicates which coal split boundary is shown.

U
D

FAULT—Dashed where approximately located. U, upthrown side; D, downthrown side.

3358 Sa_1
3292 Sa_2

DRILL HOLE—Showing altitude at the top of the coal bed, in feet.

3498

COAL MINE—Showing altitude at the top of the coal bed, in feet.

To convert feet to meters, multiply feet by 0.3048.

SPLIT LINE OF THE SAWYER COAL BED

Base map from U.S. Geological Survey, 1973

Compiled in 1977

SCALE 1:24 000

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

MONTANA
QUADRANGLE LOCATION

COAL RESOURCE OCCURRENCE MAP OF THE LESLIE CREEK QUADRANGLE, POWDER RIVER COUNTY, MONTANA
BY
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE
1979

PLATE 5
STRUCTURE CONTOUR MAP OF THE SAWYER COAL BED AND ITS SPLITS